

ROBERT H. TWISS

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EMPLOYMENT

Professor in the Graduate School, U.C. Berkeley; Jan 1995 - ongoing
Professor Emeritus, Jul, 1994 -
Professor of Environmental Planning; 1968 - 1994.
Department Chairman; 1982 - 1986.
Resource Planner, Pacific Southwest Forest and Range Experiment Sta. Forest Service,
US Dept. of Agriculture, Berkeley; 1962 - 1968.
Tactical fighter pilot, Asst. Base Communications Officer, 2nd Lt. to 1st Lt., US Air
Force (Reserve); 1956 - 1958.

PUBLIC OFFICES & APPOINTMENTS

Appointee, Joint Rules Committee of the California Legislature EIR Certification Panel;
1988-89.
Chairman of the Governing Board, California/Tahoe Regional Planning Agency; 1980-83.
Chairman, California State Mining and Geology Board; 1978-80.

EDUCATION

Ph.D. School of Natural Resources, The University of Michigan, 1962.
MS. The University of Michigan, 1958.
AB. Conservation, San Jose State College, 1955.

RESEARCH & CONSULTANCIES IN ENVIRONMENTAL PLANNING

Co-Chair, Independent Science Board for the CALFED Ecosystem Restoration Program;
2000 - ongoing.

CALFED Bay-Delta Program; Member of the Core Team, Strategic Plan for Ecosystem
Restoration. May, 1998 -1999.

U.C. Berkeley Digital Library Project, Computer Science Division (Building a library of
geo-spatial environmental information for California, accessible on the World Wide
Web). 1995 - 1999

Office of the Attorney General, Justice Department, State of California (Oversight of
Tahoe Regional Planning Agency planning process, and participation in litigation), 1984-
ongoing

Santa Clara County Open Space/Hillside Preservation Task Force; December, 1985 -
November, 1986.

United Nations, Special Representative to the Government of Yugoslavia for assistance on the Physical Development Plan of the Republic of Montenegro; three missions: May - August, 1982, July, 1983, and September, 1984.

Wasatch County, Utah (Legal defense of land regulations, oversight of land development), 1979-1982.

Comision de Operacion y Fomento de Actividades Academicas del IPN, Mexico D.F. (public lectures and consultations), December, 1978.

Federal/State Land Use Planning Commission for Alaska (natural systems studies design), 1974 - 1975.

New South Wales, Australia, Department of Environment Control (Environmental Impact Assessment Procedures), September 1973.

Sonoma County Planning Department (Review and evaluation of computerized data and mapping system), 1973 - 1974.

Wyoming Highway Department (EIS Clark's Fork Highway), 1971 - 1973.

Tennessee Valley Authority (Advance planning for coal mining), July 1970.

US. Army Board of Engineers, Washington, DC. May 1970.

Public Land Law Review Commission, Washington, DC., 1969.

RECENT and SELECTED PUBLICATIONS and REPORTS:

"The University of California, Berkeley Digital Library Project: Building A Digital Library for Scientific and Professional Work", Paper presented to the Russian-American Digital Library Workshop, Moscow, RF, April 17, 1998.

"Why Environmental Documents Should be Digital and On-line" published on-line at: <http://ceres.ca.gov/planning/ead/index.html> (A white paper prepared for CERES, the California Environmental Resource Evaluation System / Resources Agency web site.

"A tour of the County General Plans" published on-line at: <http://ceres.ca.gov/planning/genplan/index.html>, (An on-line guide to the access and management of digital documents on-line as part of the University of California, Berkeley's Digital Library Project).

Toward an Environmental Framework Plan for the San Francisco Bay/Delta Region; with Kenn Gardels, Susan Huse, Howard Foster, and James Ganong. CD-ROM containing 14 GIS raster and vector files in GRASS; with metadata. Center for Environmental Design Research. 300mb. March, 1994.

Water Body and Beneficial Use Determination: A report to the Regional Water Quality Control Board, San Francisco Bay Region; with Kenn Gardels and Susan Huse. Feb. 1994. 126 pp. illus. plus digital files in GRASS GIS.

Land Use Change and Impacts on the San Francisco Estuary: A Regional Assessment with National Policy Implications; with S. McCreary, B. Warren, C. White, S. Huse, K. Gardels, & D. Roque. Coastal Management Vol. 20, pp. 219-256, 1992.

Independent Review of Environmental Documentation for Petroleum Exploration in Block 10 Oriente, Ecuador. Presented to: Org. del los Pueblos Indios de Pastaza; Conf. of Indigenous Nationalities of Ecuador; ARCO Intl., and Oxfam Intl. With Scott McCreary, G. Mathias Kondolf, and Joe McBride; Center for Environmental Design Research, U.C. Berkeley, Mar. 13, 1992, 78 pp. illus.

The Effects of Land Use Change and Intensification on the San Francisco Estuary; Center for Environmental Design Research, SF Bay Conservation and Development Commission, and Greenbelt Alliance; A Report to the San Francisco Estuary Project. Oct. 1991, 170 pp. This report is now available on-line at: <http://elib.cs.berkeley.edu/TR/ELIB:642>.

Regional Environmental Thresholds and Impact Assessment. International Conference on Environmental Impact Assessment, Beijing, China, October 24, 1987; 21 pp. illus.

Protection and Conservation of the Environment in the Physical Development Plan of the Republic of Montenegro. Report to UNDP/UNEP, and the Republicki Zavod za Urbanizam i Projektovanje, Titograd, Yugoslavia, February 1983. 67 pp. illus.

Framework for the Evaluation of the BLM Planning Process. National Academy of Sciences/National Research Council Task Force on Grazing Management on the Public Lands, September 1982. 8 pp.

Comprehensive Land Use Plan and "208" Wastewater Management Plan; Teton County, Wyoming. With Lawrence Livingston Jr., Luna B. Leopold, and W. Haible. 1977.

"Linking the Environmental Impact Statement to the Planning Process," in Environmental Impact Assessment Guidelines and Comments. Thomas Dickert & K. Domeny, Eds. Univ. of CA. Ext. , Berkeley, 1974.